

I hereby certify that this correspondence is being transmitted electronically on the date shown below to the United States Patent and Trademark Office:

On: MAY 7, 2007

By: Sharon M. Fujita  
Sharon Fujita

Attorney Docket No. 0100.227US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Willem P.C. Stemmer

Application No: 10/623,036

Filed: July 18, 2003

For: Methods for Generating  
Polynucleotides Having Desired  
Characteristics by Iterative Selection  
and Recombination

Examiner: Samuel Woolwine

Art Unit: 1637

**SECOND SUPPLEMENTAL  
AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Mail-Stop Amendment

Sir:

Applicants respectfully request consideration of the following amendments and remarks.

**Amendment to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 4 of this paper.